

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD AND APPARATUS FOR MONITORING TRACE CONSTITUENTS IN A FLUID

the specification of which (check one)

☒ is attached hereto

was filed on _____ as Application Serial No. _____

and was amended on _____

I hereby state that I have reviewed and understand the contents of the above identified specifications, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, S1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, S119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
Additional applications identified on attached sheet.				

I hereby claim the benefit under Title 35, United States Code, S120 of any United States Application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code S112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, S1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

Application Serial No.	Filing Date	Status - Patented, pending, abandoned
Application Serial No.	Filing Date	Status - Patented, pending, abandoned

Application Serial No.	Filing Date	Status - Patented, pending, abandoned
Additional applications identified on attached sheet.		

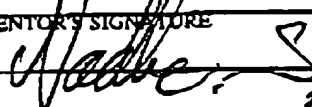
Additional applications identified on attached sheet.

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith:

Daniel R. Bereskin	22,257	C. Lloyd Sarginson	29,245	Robert B. Storey	33,108
Richard J. Parr	22,836	Timothy J. Sinnott	31,083	Linda M. Kurdydyk	34,971
H. Roger Hart	26,426	H. Samuel Forst	31,696	Robin Coster	38,016
David W.R. Langton	27,747	Phillip Mendes da Costa	33,106	Michael E. Charles	36,416
All of Bereskin & Parr	22,533				

Address all telephone calls to H. Samuel Frost at Telephone No. (416)364-7311. Address all correspondence to Bereskin & Parr, Box 401, 40 King Street West, Toronto, Ontario, Canada M5H 3Y2

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR FIRST INVENTOR SHACHAR NADLER	INVENTOR'S SIGNATURE 	DATE Nov 17th, 1995
RESIDENCE 181 Longwood Drive, Bolton, Ontario, Canada L7E 4A3		CITIZENSHIP Canadian/Israeli
POST OFFICE ADDRESS same as above		

Applicant or Patentee: SHACHAR NADLER

Serial Patent No.: _____

Filed on: _____

For: METHOD AND APPARATUS FOR MONITORING TRACE CONSTITUENTS IN A FLUIDAttorney's
Docket No: 8389-003VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) and 1.27 (c)) - SMALL BUSINESS CONCERN

FAX RECEIVED

OCT 10 2000

I hereby declare that I am

PETITIONS OFFICE

- ☐ the owner of the small business concern identified below:
☒ an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF CONCERN UNISEARCH ASSOCIATES INC.ADDRESS OF CONCERN 222 SNIDERCROFT ROAD, CONCORD, ONTARIO, CANADA, L4K 1B5

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled METHOD AND APPARATUS FOR MONITORING TRACE CONSTITUENTS IN A FLUID by inventor SHACHAR NADLER described in

- ☒ the specification filed herewith
☐ application serial no. _____, filed _____
☐ patent no. _____, issued _____

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e). *NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

NAME _____ ADDRESS _____
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

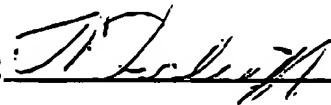
NAME _____ ADDRESS _____
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28 (b))

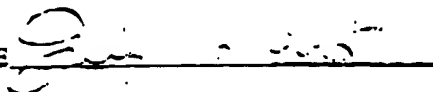
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING H. I. SCHIFFTITLE OF PERSON OTHER THAN OWNER PRESIDENTADDRESS OF PERSON SIGNING 222 SNIDERCROFT ROAD, CONCORD, ONTARIO, CANADA

SIGNATURE



DATE



PTO/SB/86(6-88)
 Approved for use through 09/30/2000. OMB 0651-0031
 Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Unisearch Associates Inc.

Application No./Patent No.: 08/508,505 Filed/Issue Date: July 28, 1995
METHOD AND APPARATUS FOR MONITORING TRACE CONSTITUENTS IN FLUE GASES,
 Entitled: UTILIZING A LASER BEAM

Unisearch Associates Inc. a Canadian Corporation
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 700, Frame 0704, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
 The document was recorded in the Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
 The document was recorded in the Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
 The document was recorded in the Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

September 15, 2000
 Date

Stephen M. Beney
 Signature

Stephen M. Beney, Reg. No. 41,563
 Typed or printed name

Patent Agent
 Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

DECEMBER 29, 1995

H. SAMUEL FROST
BERESKIN & PARR
BOX 401, 40 KING STREET WEST
TORONTO, ONTARIO, M5H 3Y2
CANADA

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JAN 17 1996

BERESKIN & PARR

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1996
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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/26/1995

REEL/FRAME: 7600/0904
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
NADLER, SHACHAR

DOC DATE: 07/17/1995

ASSIGNEE:
UNISEARCH ASSOCIATES INC.
222 SNIDERCROFT ROAD
CONCORD, ONTARIO, CANADA L4K 1B5SERIAL NUMBER: 08508505
PATENT NUMBER:FILING DATE: 07/28/1995
ISSUE DATE:JERYL MCDOWELL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

FAX RECEIVED

OCT 10 2000

PETITIONS OFFICE

UNITED STATESASSIGNMENT

WHEREAS I, SHACHAR NADLER, whose full post office address is 181 LONGWOOD DRIVE, BOLTON, ONTARIO CANADA, L7E 4A3 have invented certain new and useful improvements in an invention entitled METHOD AND APPARATUS FOR MONITORING TRACE CONSTITUENTS IN A FLUID for which an application for United States Letters Patent was executed by me concurrently herewith under the above title,

AND WHEREAS UNISEARCH ASSOCIATES INC., a corporation of 222 SNIDERCROFT ROAD, CONCORD, ONTARIO, CANADA, L4K 1B5, has acquired from me the whole right, title and interest for the United States of America and all other countries in and to the said invention and in and to any Letters Patent that may be obtained therefor, and in and to said application,

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of all of which is hereby acknowledged, I, SHACHAR NADLER, by these presents confirm that I have sold, assigned and transferred and do hereby sell, assign and transfer unto the said UNISEARCH ASSOCIATES INC., the full and exclusive right to the said invention in the United States of America and all other countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor, and the entire right, title and interest in and to said application, and in and to any divisions, continuations, continuations-in-part and extensions of said application, together with the right to claim the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property based on said application for United States Letters Patent.

I agree that I will without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain patents for said invention and for additions and modifications thereto in any and all countries, and to vest title thereto in said assignee, its successors, assigns and legal representatives or nominees.

-2-

I hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said **UNISEARCH ASSOCIATES INC.**, the assignee of the entire right, title and interest in and to the same, for its sole use and benefit, and for the use and benefit of its successors and assigns, to the full end of the term for which Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made.

SIGNED this 17th day of JULY, 1995, at CONCORD, Ontario,
Canada.


SHACHAR NADLER


Witness